

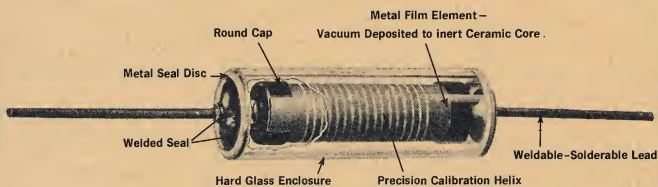
FIRST

FROM SCHWEBER

MEPCO RNR HERMETIC SEAL METAL FILM RESISTORS

MEPCO Hermetically-Sealed, Glass-Enclosed Metal Film Resistors are available in 1/10, 1/8, 1/4, and 1/2 Watt ratings. Their true hermetic enclosure fully protects the highly stable resistance element against the most adverse environmental and use conditions. MEPCO RNR Resistors meet the most stringent requirements of the aerospace and military electronics fields.

MEPCO Resistors conform to the High Reliability Specifications MIL-R-55182; they are constructed to the MIL sizes RNR55, RNR57, RNR60, RNR63, RNR65, and RNR70, and meet Characteristics C and E of the specification.



Construction Features of Hermetic Sealed Metal Film Resistor — Series RNR



MEPCO

RNR METAL FILM RESISTORS TO MEET MIL R-55182

To "C" Characteristics ± 50 PPM/ $^{\circ}$ C
To "E" Characteristics ± 25 PPM/ $^{\circ}$ C

AVAILABLE STYLES

L - D

RNR-55	$\frac{1}{10}$ WATT	49.9 Ω thru 100K		.272"	-.110"
RNR-57	$\frac{1}{8}$ WATT	24.9 Ω thru 301K		.296"	-.150"
RNR-60	$\frac{1}{8}$ WATT	24.9 Ω thru 500K		.422"	-.155"
RNR-65	$\frac{1}{4}$ WATT	24.9 Ω thru 2 Meg		.641"	-.240"
RNR-70	$\frac{1}{2}$ WATT	24.9 Ω thru 3 Meg		.735"	-.250"

STANDARD DECADE* VALUES IN MIL R-10509D

OHMS	OHMS	OHMS	OHMS	OHMS	OHMS
10.0	14.7	21.5	31.6	46.4	68.1
10.2	15.0	22.1	32.4	47.5	69.8
10.5	15.4	22.6	33.2	48.7	71.5
10.7	15.8	23.2	34.0	49.9	73.2
11.0	16.2	23.7	34.8	51.1	75.0
11.3	16.5	24.3	35.7	52.3	76.8
11.5	16.9	24.9	36.5	53.6	78.7
11.8	17.4	25.5	37.4	54.9	80.6
12.1	17.8	26.1	38.3	56.2	82.5
12.4	18.2	26.7	39.2	57.6	84.5
12.7	18.7	27.4	40.2	59.0	86.6
13.0	19.1	28.0	41.2	60.4	88.7
13.3	19.6	28.7	42.2	61.9	90.9
13.7	20.0	29.4	43.2	63.4	93.1
14.0	20.5	30.1	44.2	64.9	95.3
14.3	21.0	30.9	45.3	66.5	97.6

*Example 49.9 means available in the following decades; 49.9 Ω , 499 Ω , 4990 Ω , 49,900 Ω 499,000 Ω .

(See minimum and maximum resistance.)

All above types available in $\pm 1\%$, $\pm .5\%$, $\pm .25\%$, $\pm .1\%$ Tolerance.



**SCHWEBER
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